

Application No.: Div. of 09/033,651  
Attorney Docket No.: 100725-00047

51B  
01-02-03  
C.W.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

OKAMURA et al.

Art Unit: Not yet Assigned

Application No.: Div. of 09/033,651

Examiner: Not yet Assigned

Filed: August 6, 2001

Atty Docket No. 100725-00047

For: HYDRODYNAMIC TYPE POROUS OIL-IMPREGNATED BEARING

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D. C. 20231

August 6, 2001

Dear Sir:

Prior to examination on the merits, please amend the above-identified Application as follows:

**IN THE CLAIMS:**

Please add claims 28-33 as follows:

28. (New) A method of producing a hydrodynamic porous oil-impregnated bearing comprising a porous bearing body being formed with a bearing surface on an inner peripheral surface thereof, said bearing surface having a plurality of inclined hydrodynamic pressure generating grooves, and oil retained in pores of said bearing body by impregnation of lubricating oil or lubricating grease, said method comprising the steps of:

inserting a forming pattern in an inner peripheral surface of a cylindrical porous blank, said porous blank being made of a sintered metal, said forming pattern having a forming portion for forming said hydrodynamic pressure generating grooves, said forming portion being composed of a plurality of convex portions each of which agrees with each of said hydrodynamic pressure generating grooves, and

applying a compacting pressure to said porous blank to press the inner peripheral

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